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(54) Title: DIRECT COMPRESSIBLE TREHALOSE SOLIDS

(57) Abstract: The present invention relates to direct compressible crystalline or semi-crystalline trehalose solids having a crystal form selected from the group consisting of trehalose dihydrate and mixtures of trehalose dihydrate and anhydrous trehalose, and having a specific surface area of at least 0.25m<sup>2</sup>/g and products or tablets containing these. A process for preparing said solids comprises heating a solution of trehalose and applying shear and cooling. The trehalose solids can be applied in food, pharma and cosmetics and tablets prepared from said trehalose solids have improved tensile strength.

#### INTERNATIONAL SEARCH REPORT

Ir\*--national Application No

T/EP2004/002983 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 CO7H3/04 A61K A61K9/20 A61K47/26 A23G3/00 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) C07H A61K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Α WO 97/28788 A (QUADRANT HOLDINGS CAMBRIDGE 1 - 13;COLACO CAMILO (GB); BLAIR JULIAN (GB)) 14 August 1997 (1997-08-14) cited in the application page 5, line 7 - page 6, line 11 claims 18-24 US 5 958 455 A (COLACO CAMILO ET AL) 1 - 13Α 28 September 1999 (1999-09-28) column 7, line 15 - line 44 column 9, line 14 - line 40 GB 2 353 933 A (BRITISH SUGAR PLC) 1 - 13Α 14 March 2001 (2001-03-14) cited in the application page 1, line 29 - page 3, line 2 -/--Patent family members are listed in annex. Further documents are listed in the continuation of box C. ° Special categories of cited documents: \*T\* later document published after the international filing date or priority date and not in conflict with the application but \*A\* document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the invention \*E\* earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report

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